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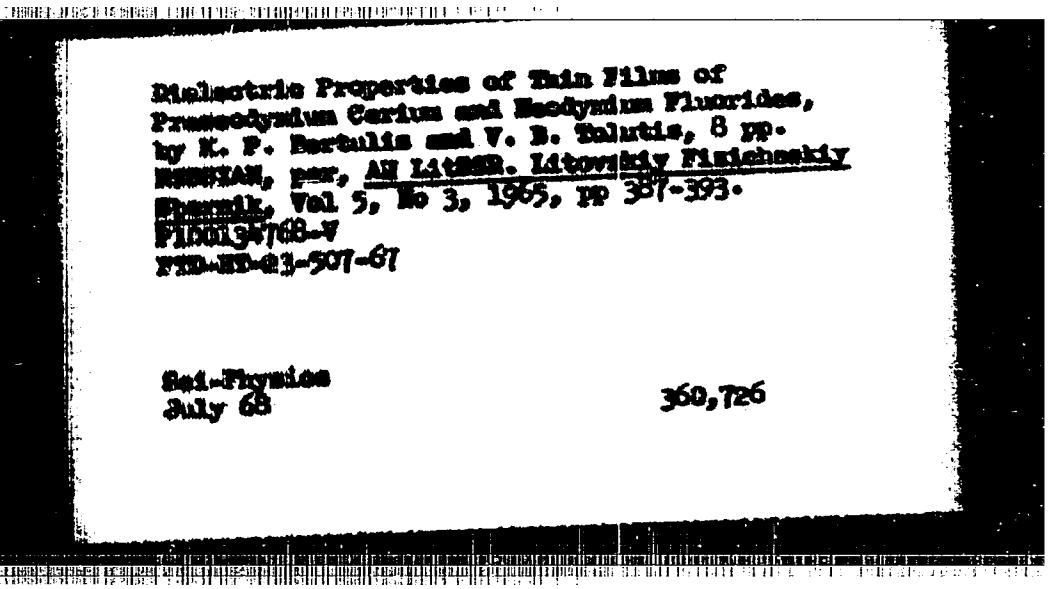

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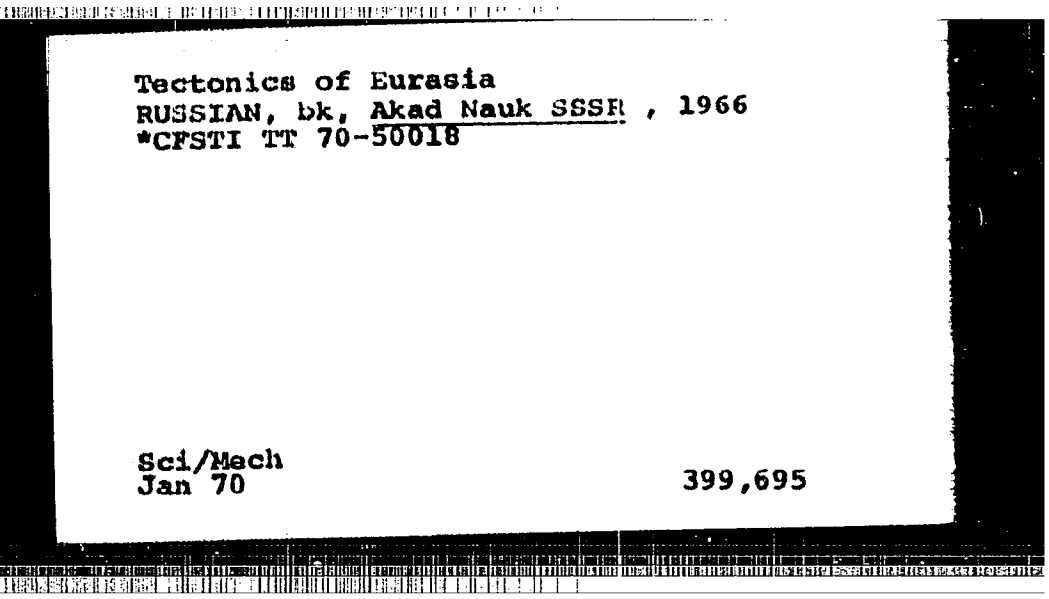

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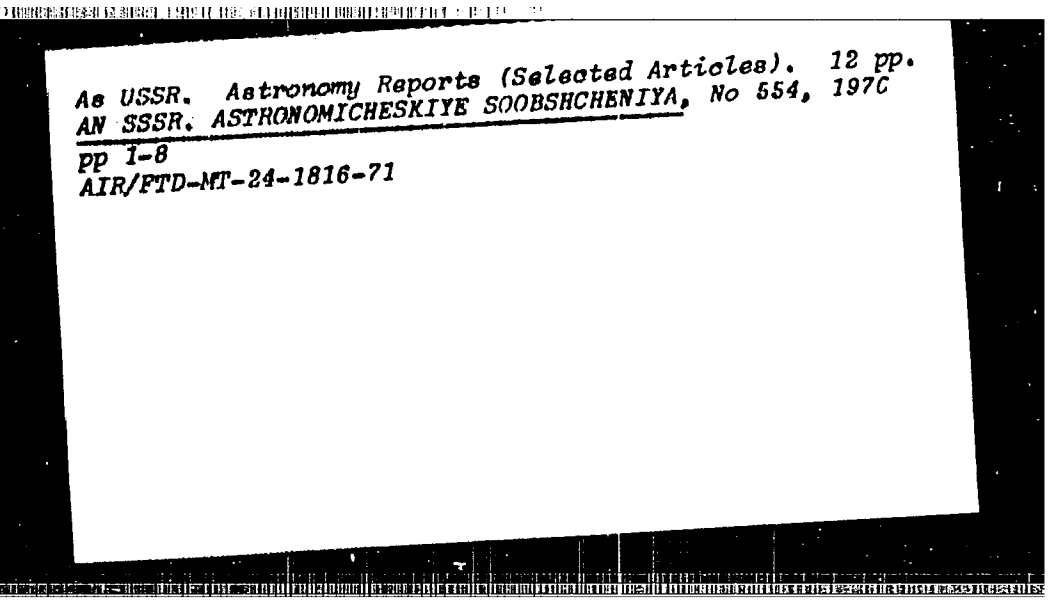

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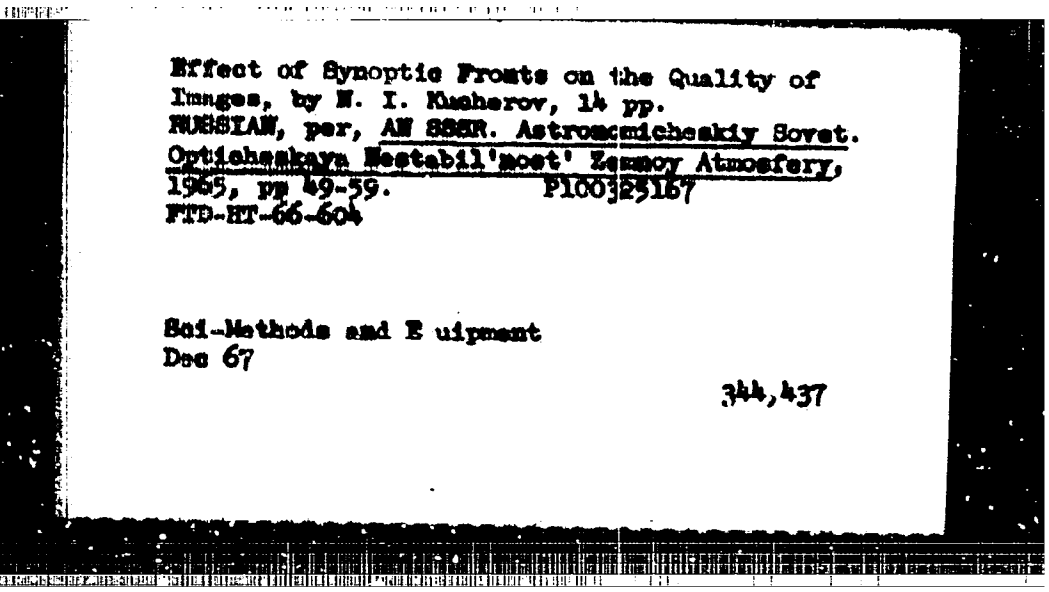

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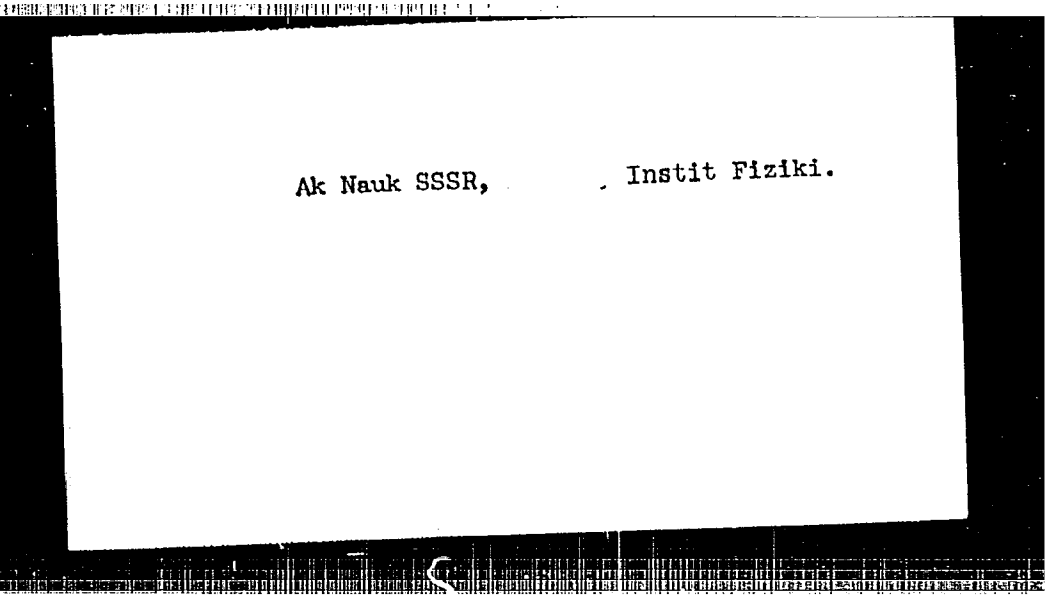

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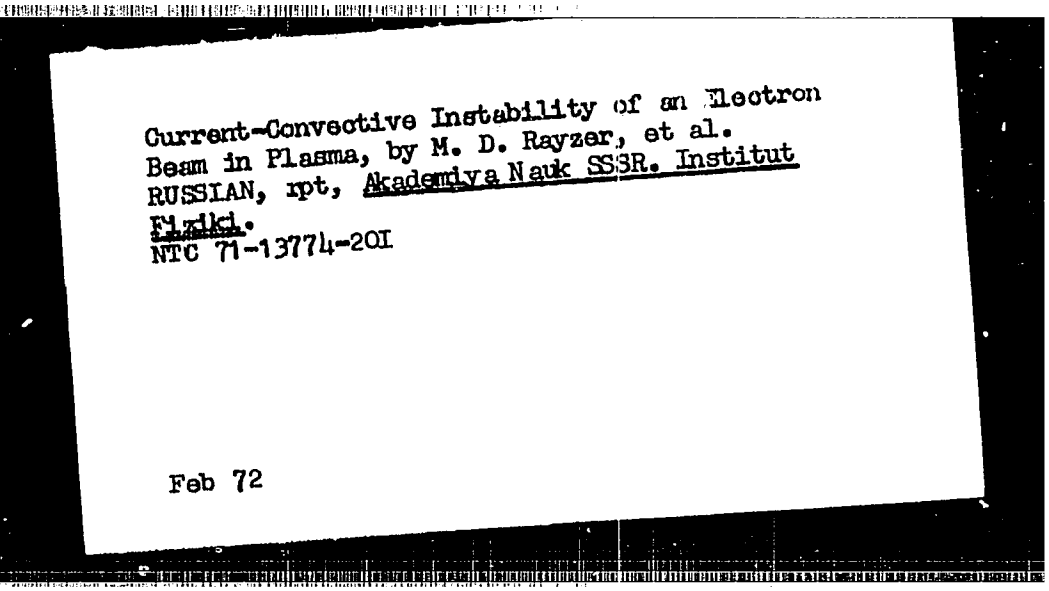

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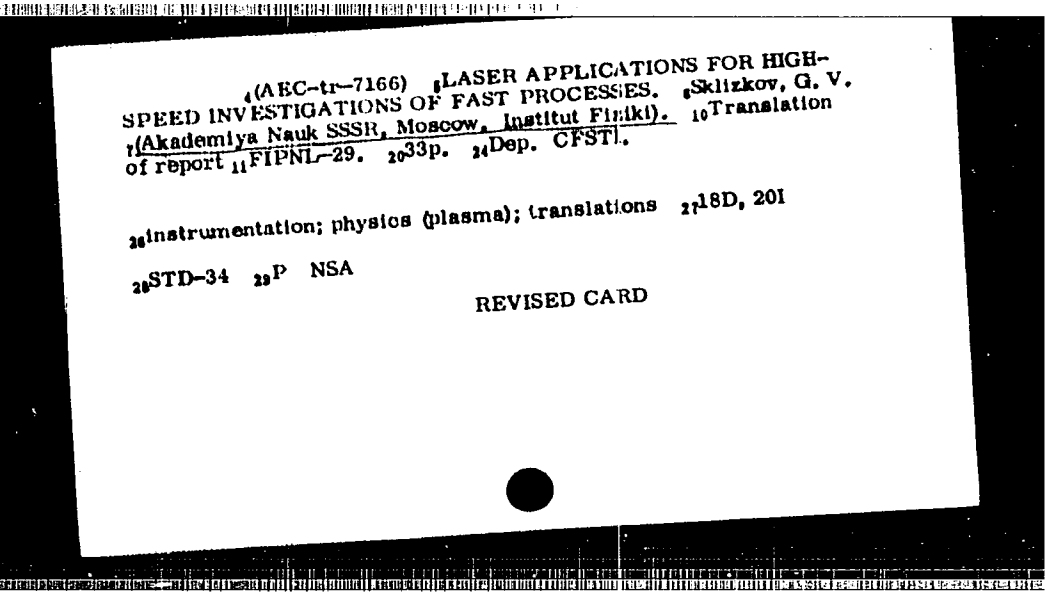

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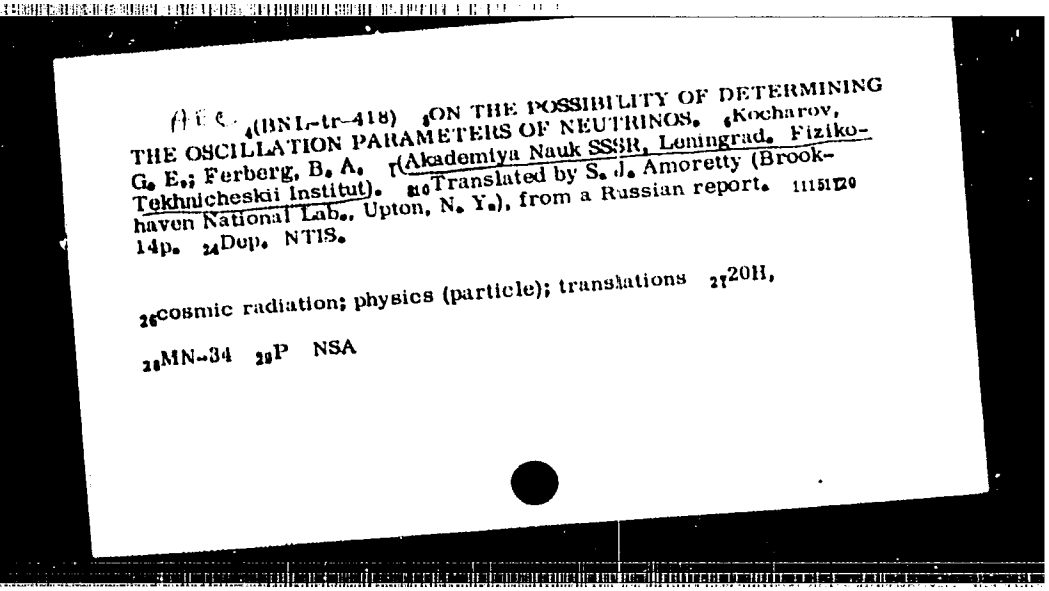

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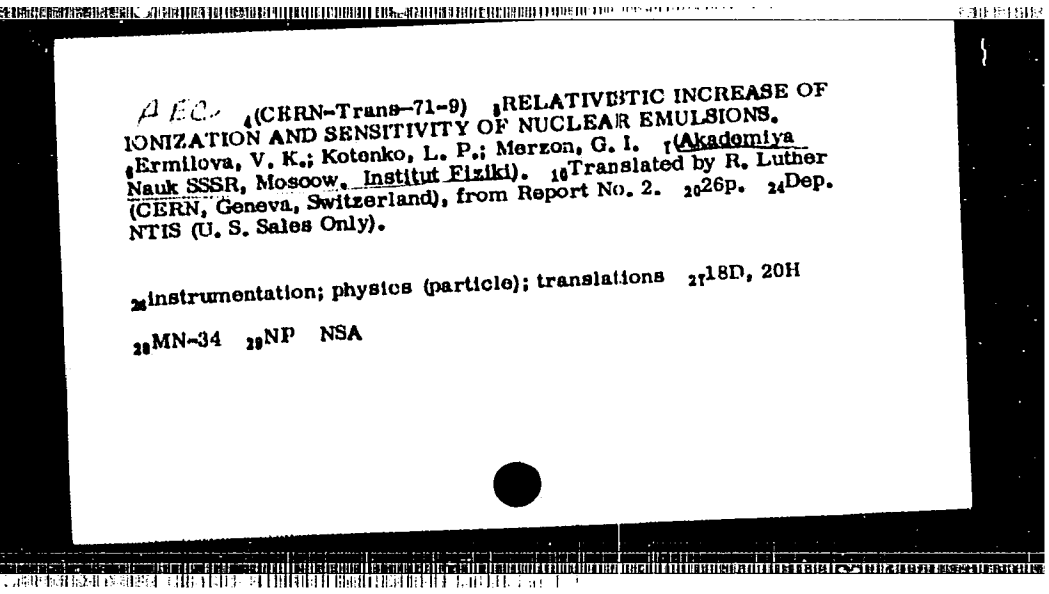

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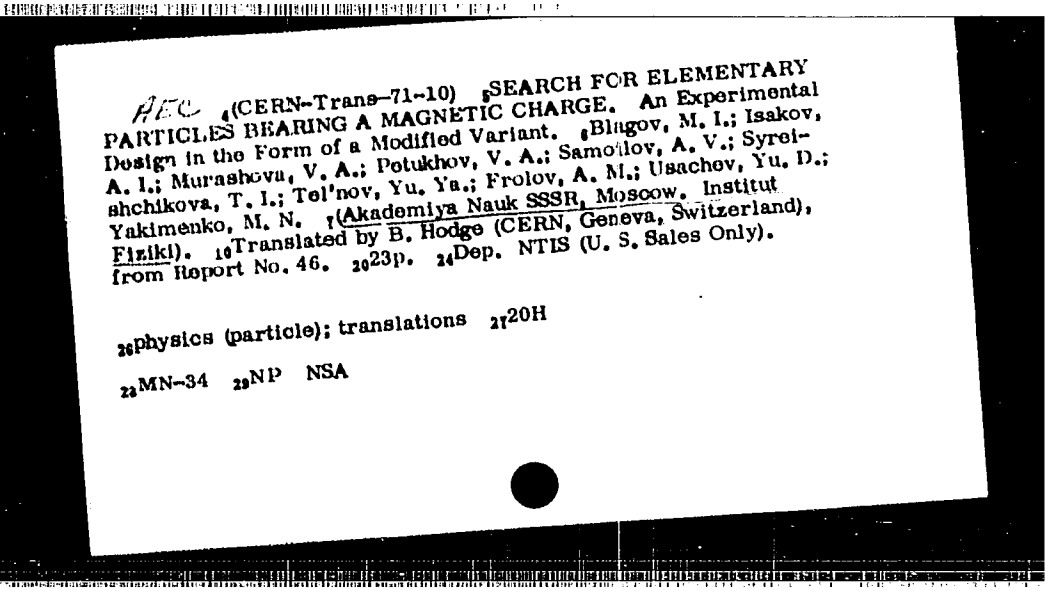

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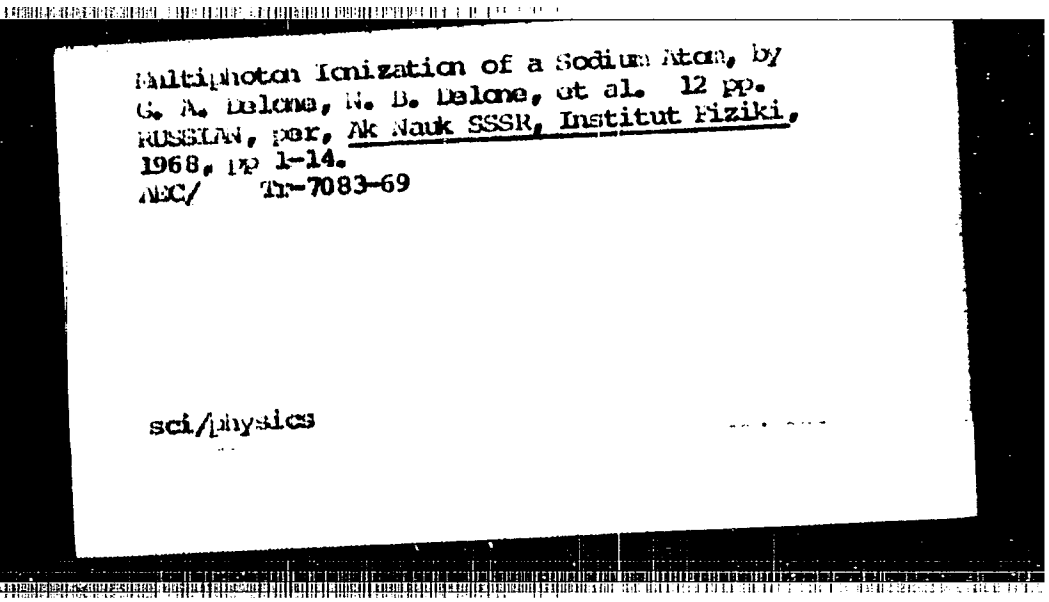

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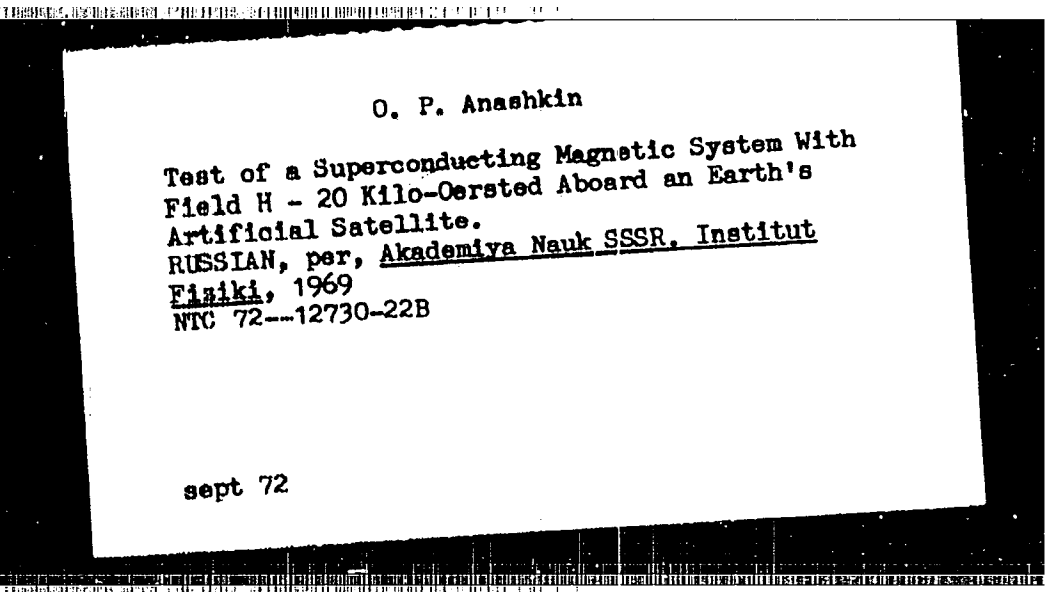

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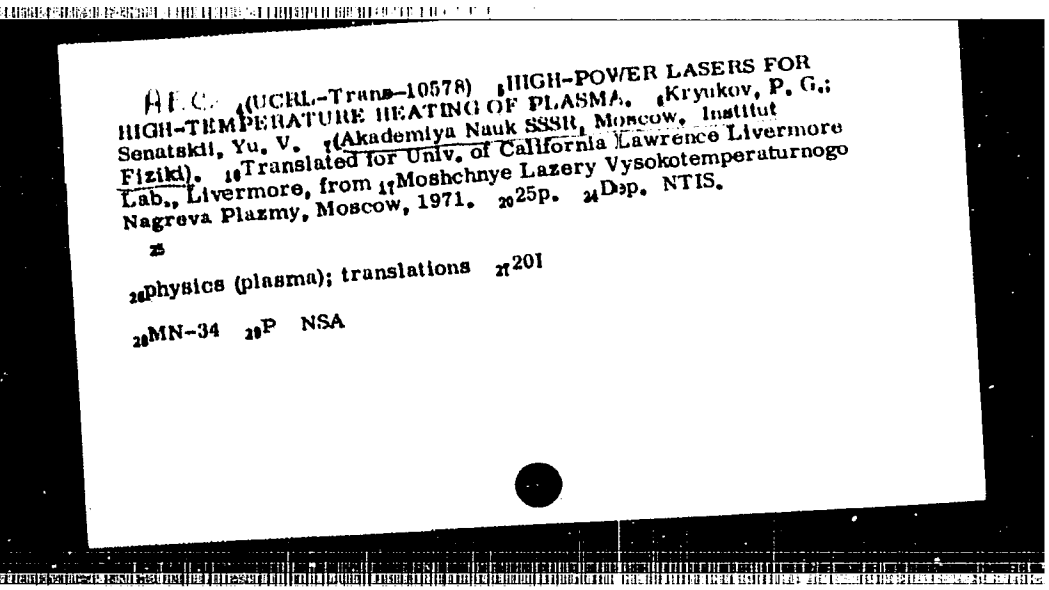

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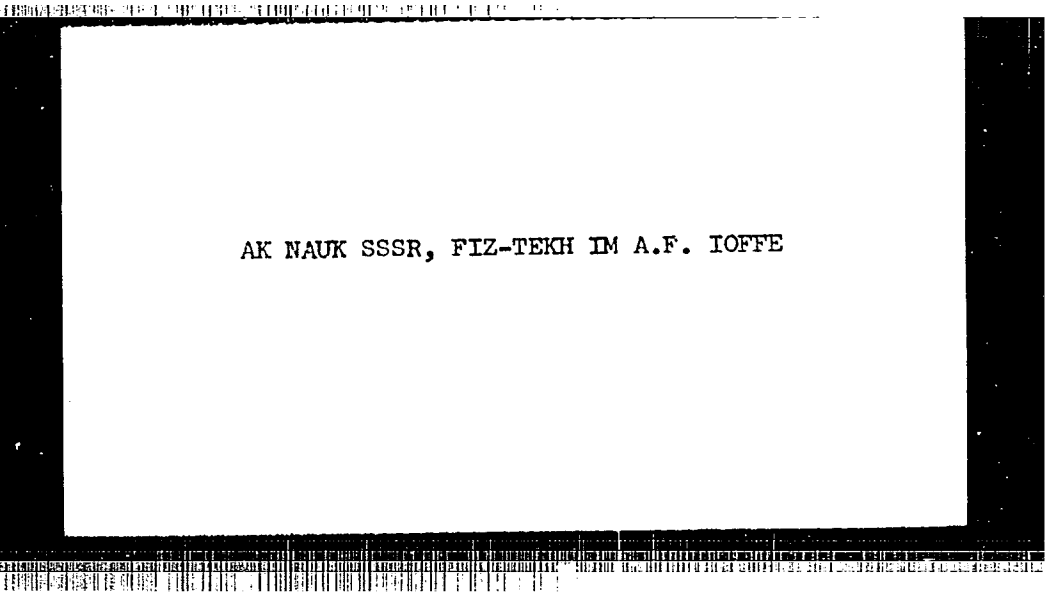

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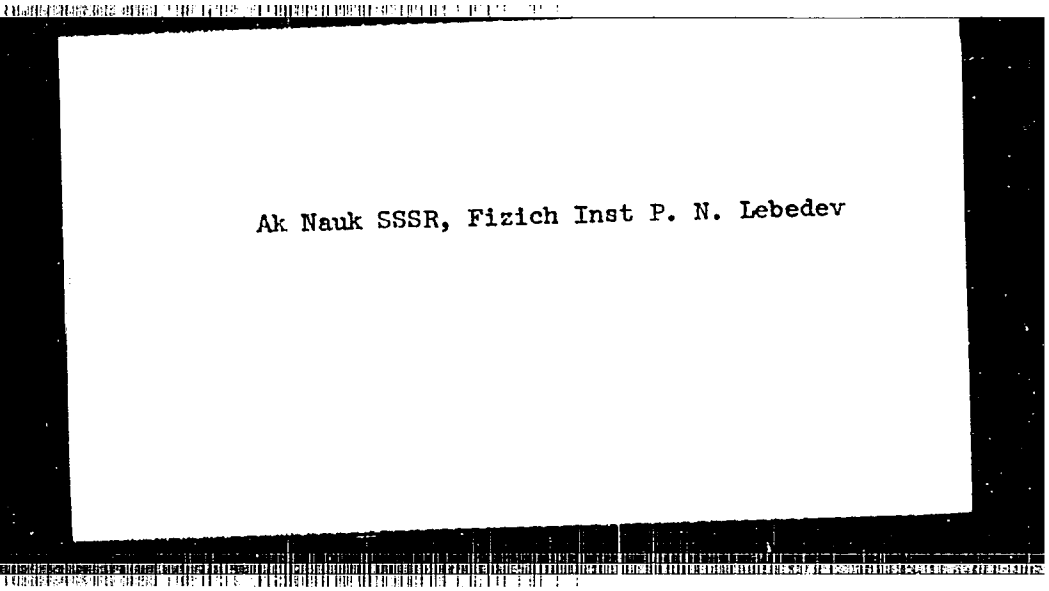

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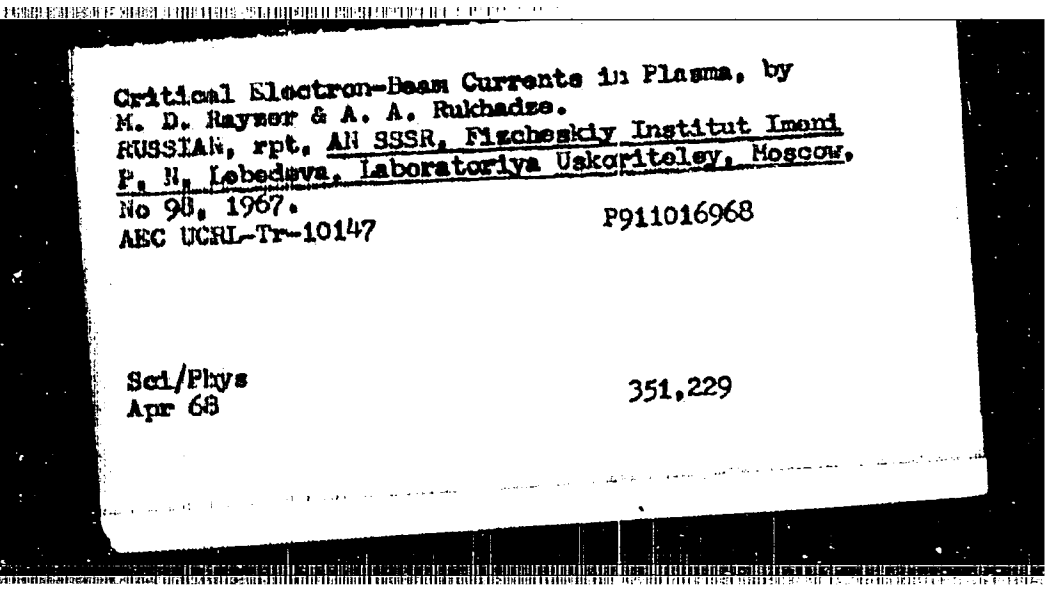

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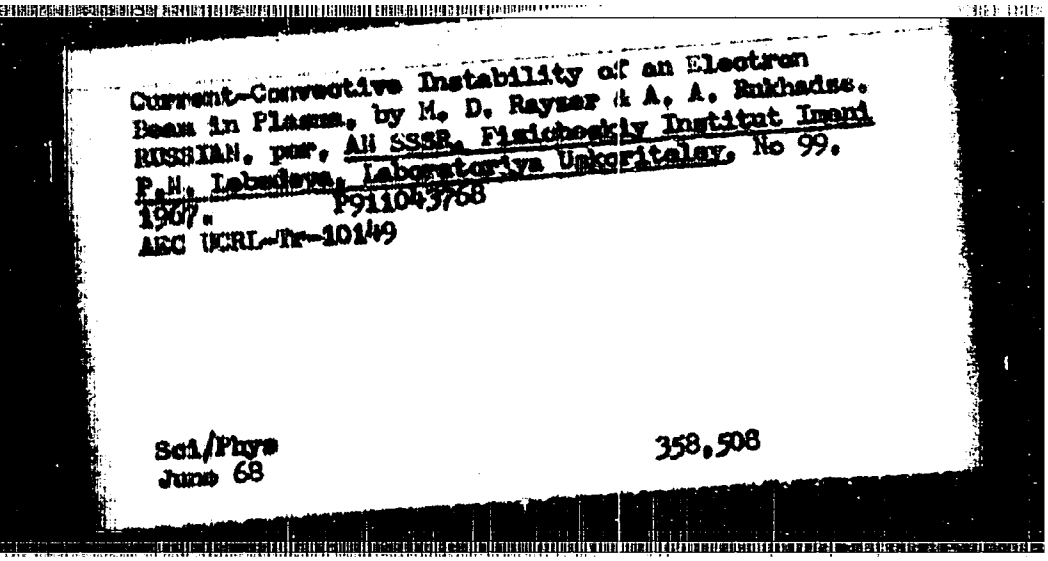

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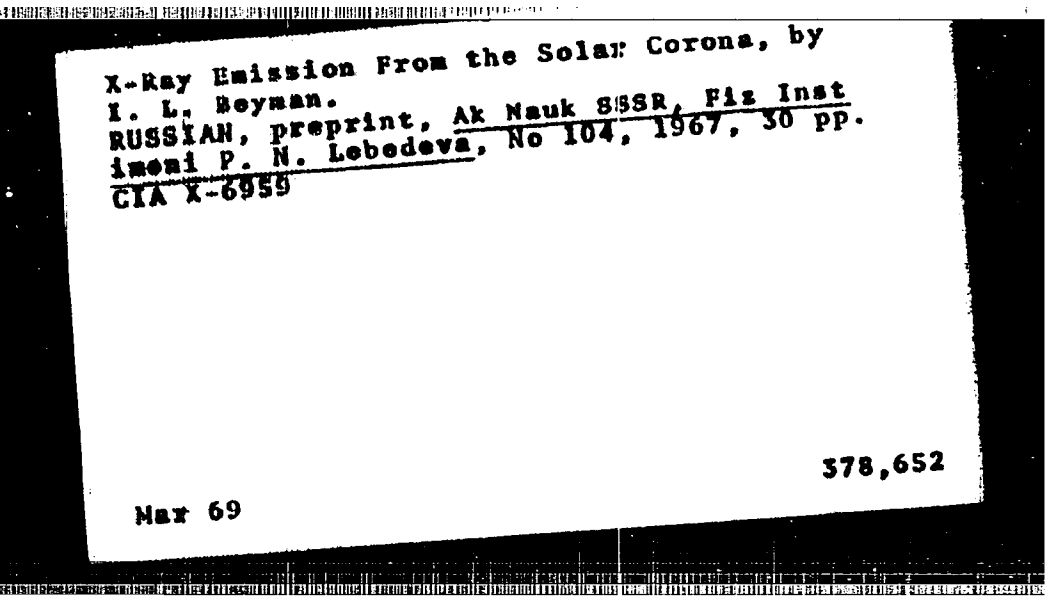

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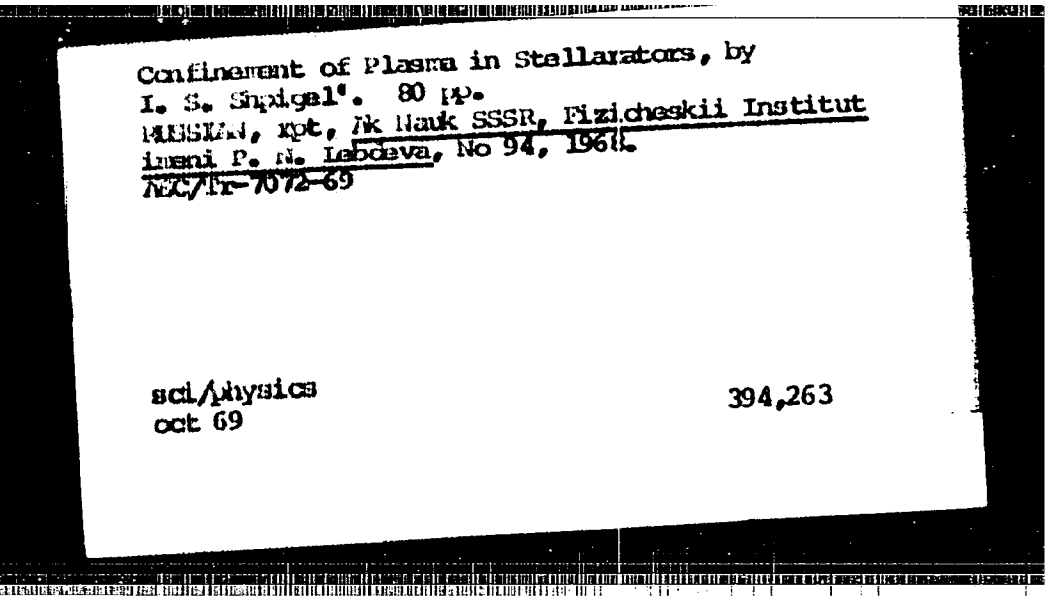

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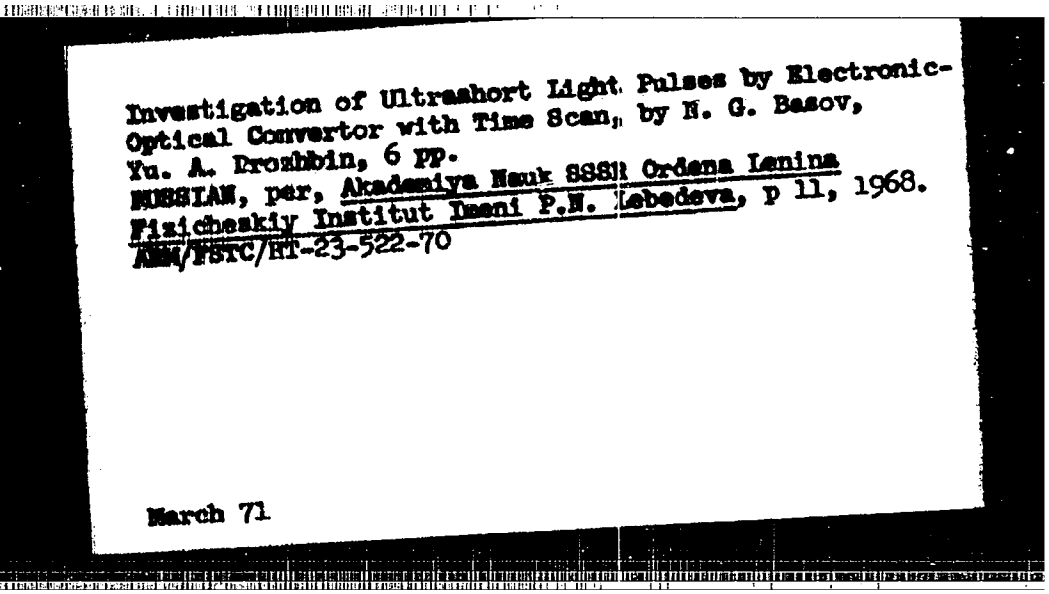

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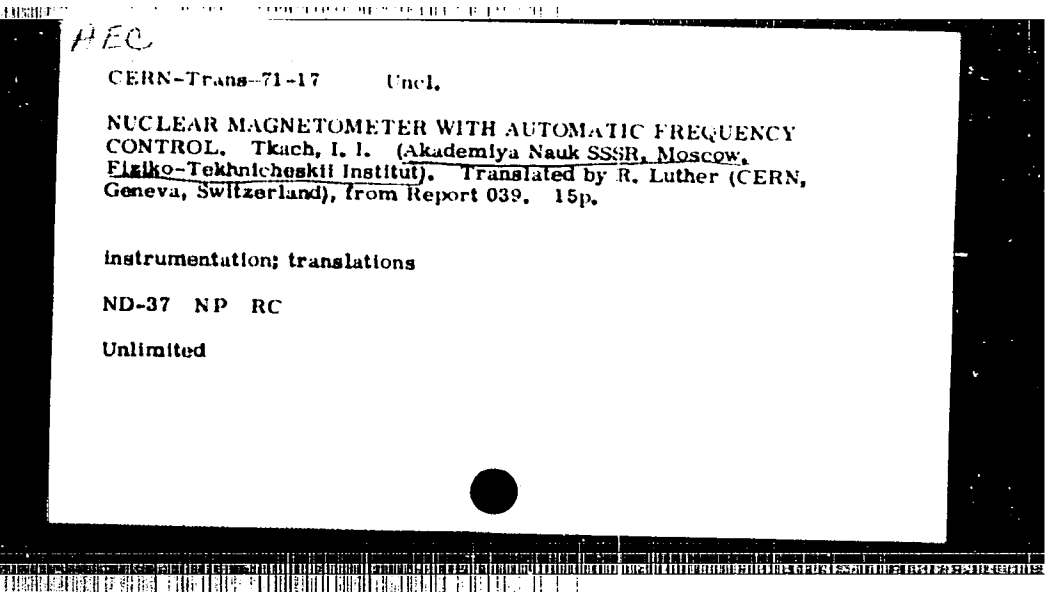

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CERN-Trans-71-17 Uncl.

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Instrumentation; translations

ND-37 NP RC

Unlimited

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Instrumentation; particle accelerators; translations 18D, 20G

MN-28 NP NSA

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(CERN-Trans-71-7) MEASUREMENTS AND CORRECTION OF THE MAGNETIC FIELD OF THE 1-GeV SYNCHROCYCLOTRON OF THE A. F. IOFFE PHYSICO-TECHNICAL INSTITUTE (ORDER OF LENIN). PART 1. SHAPING THE RADIAL FALL-OFF AND CORRECTING AZIMUTHAL NON-UNIFORMITIES. Abrosimov, N. K.; Eliseev, V. A.; Petrov, I. A.; Ryabov, G. A.; Tkach, I. I. (Akademiya Nauk SSSR, Leningrad. Fiziko-Tekhnicheskii Institut). Translated by B. Hodge (CERN, Genova, Switzerland), from report FTI-129. 17p. Dep. NTIS (U. S. Sales Only).

particle accelerators; translations 20G

MN-28 NP NSA

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particle accelerators; translations 20G

MN-28 NP NSA

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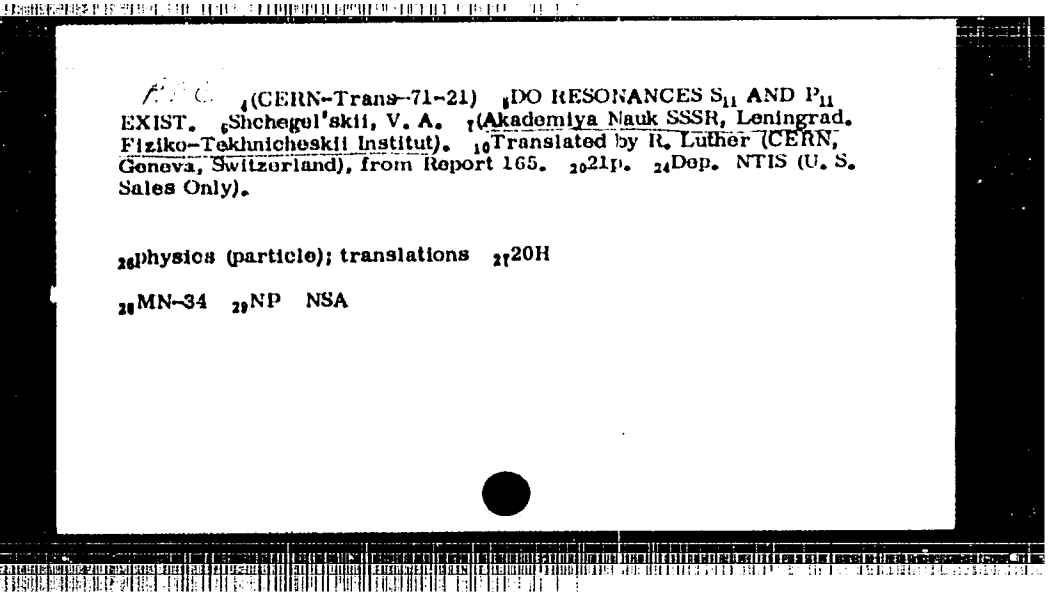

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physics (particle); translations 20H

MN-34 NP NSA

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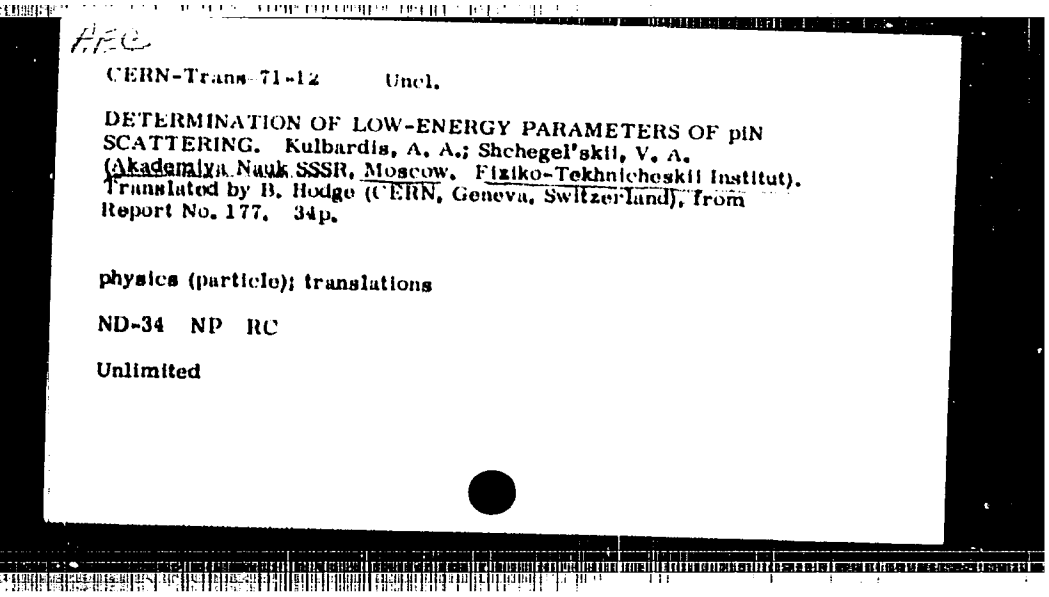

AEC

CERN-Trans-71-12 Uncl.

DETERMINATION OF LOW-ENERGY PARAMETERS OF piN SCATTERING. Kulbardis, A. A.; Shchegel'skii, V. A. (Akademiya Nauk SSSR, Moscow. Fiziko-Tekhnicheskii Institut). Translated by B. Hodge (CERN, Geneva, Switzerland), from Report No. 177. 34p.

physics (particle); translations

ND-34 NP RC

Unlimited

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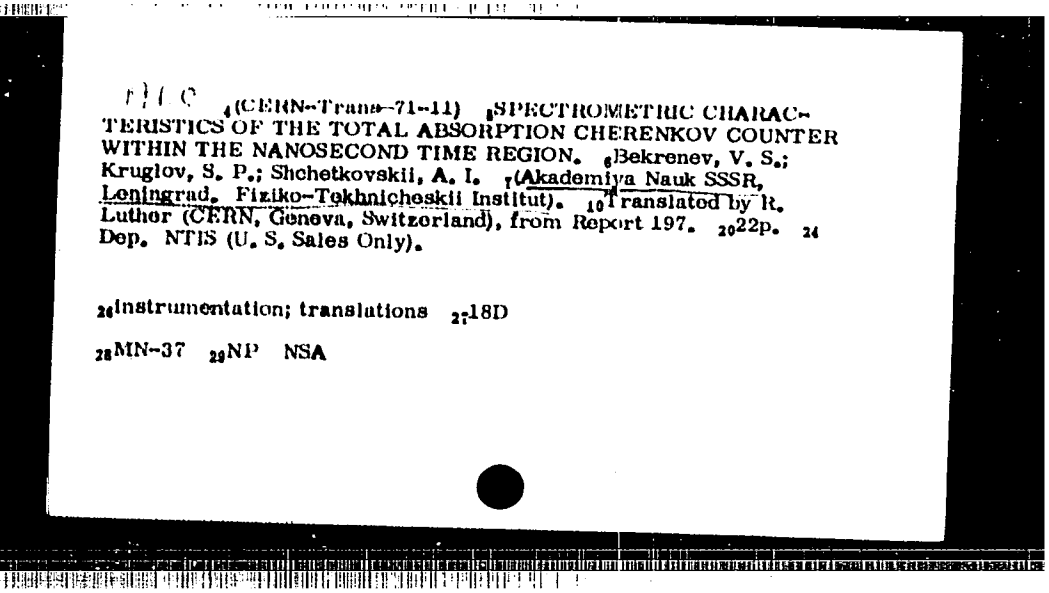

4(CERN-Trans-71-11) 5SPECTROMETRIC CHARACTERISTICS OF THE TOTAL ABSORPTION CHERENKOV COUNTER WITHIN THE NANOSECOND TIME REGION. 6Bekrenev, V. S.; Kruglov, S. P.; Shchetkovskii, A. I. 7(Akademiya Nauk SSSR, Leningrad. Fiziko-Tekhnicheskii Institut). 10Translated by R. Luther (CERN, Geneva, Switzerland), from Report 197. 20 22p. 24 Dep. NTIS (U. S. Sales Only).

26Instrumentation; translations 27 18D

28MN-37 29NP NSA

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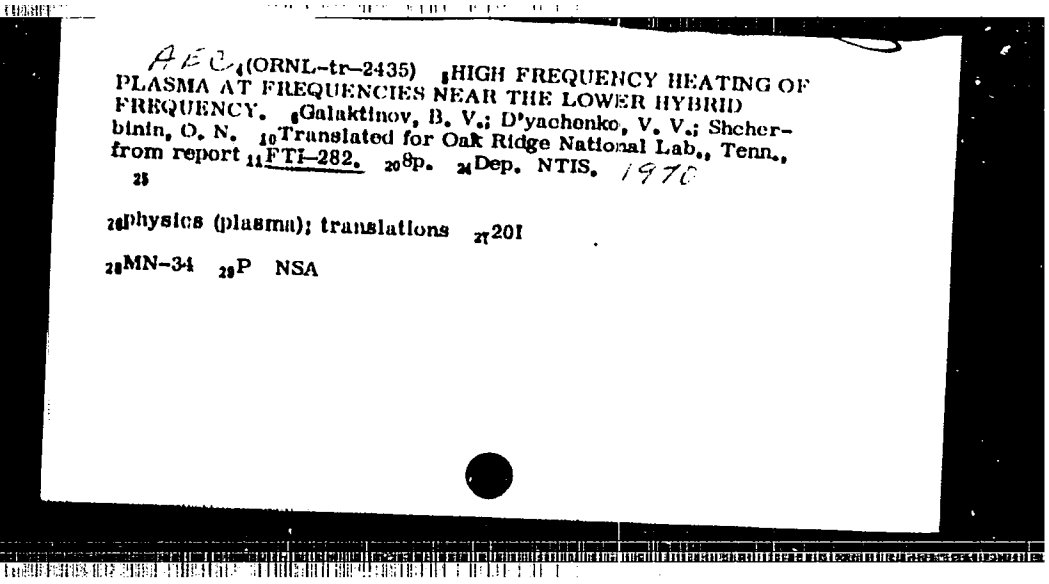

AEC 4(ORNL-tr-2435) 5HIGH FREQUENCY HEATING OF PLASMA AT FREQUENCIES NEAR THE LOWER HYBRID FREQUENCY. 6Galaktinov, B. V.; D'yachenko, V. V.; Shcherbinin, O. N. 10Translated for Oak Ridge National Lab., Tenn., from report 11FTI-282. 20 8p. 24Dep. NTIS. 1970
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26Physics (plasma); translations 27201

28MN-34 29P NSA

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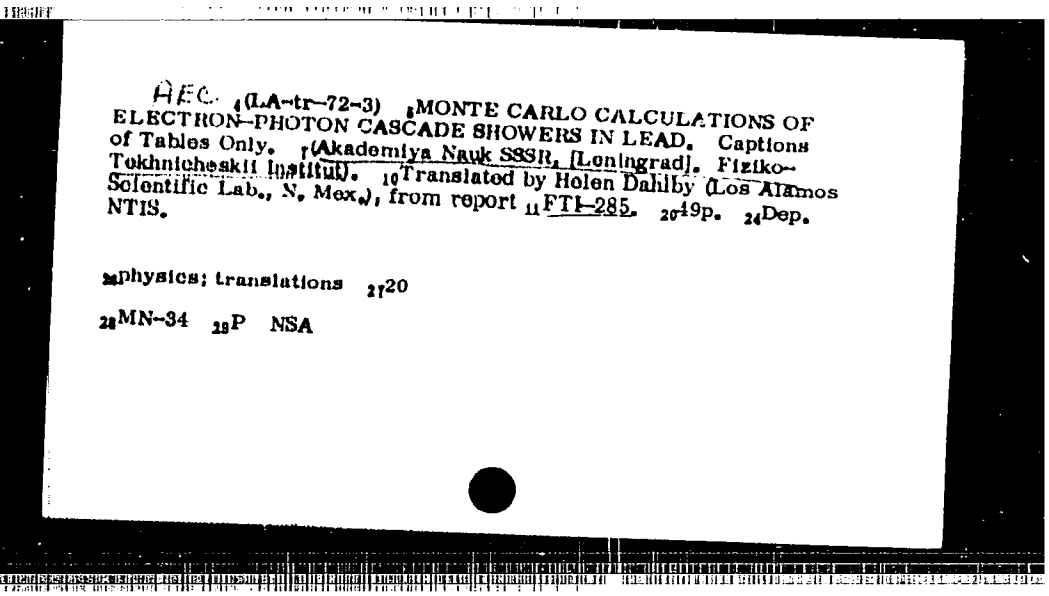

AEC (LA-tr-72-3) MONTE CARLO CALCULATIONS OF ELECTRON-PHOTON CASCADE SHOWERS IN LEAD. Captions of Tables Only. (Akademiya Nauk SSSR, [Leningrad]. Fiziko-Tekhnicheskii Institut). Translated by Helen Dahlby (Los Alamos Scientific Lab., N. Mex.), from report FTI-285. 49p. Dep. NTIS.

physics; translations 20

MN-34 P NSA

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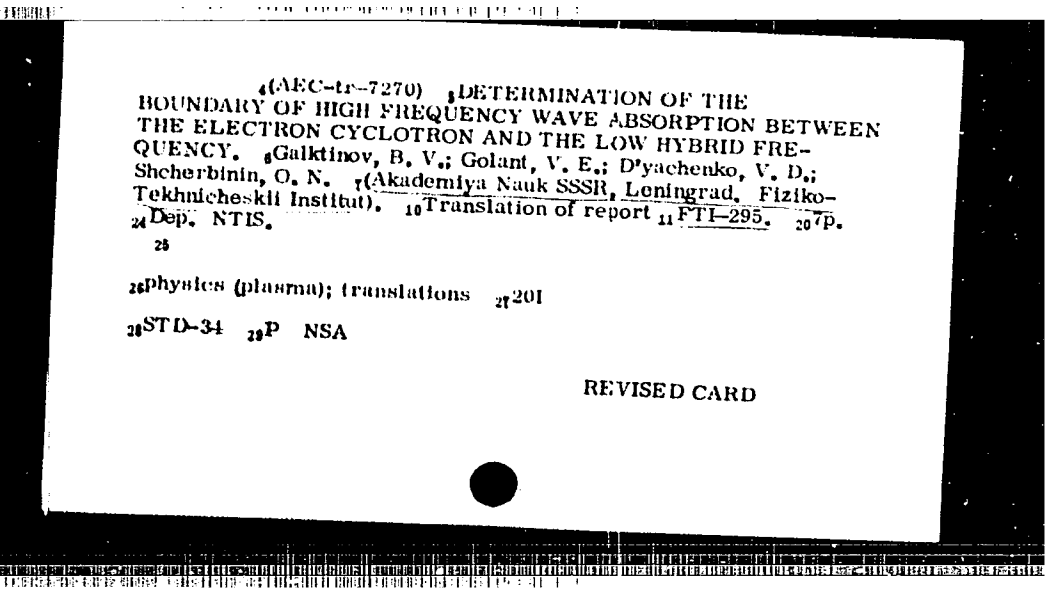

4(AEC-tr-7270) 5DETERMINATION OF THE BOUNDARY OF HIGH FREQUENCY WAVE ABSORPTION BETWEEN THE ELECTRON CYCLOTRON AND THE LOW HYBRID FREQUENCY. 6Galktinov, B. V.; Golant, V. E.; D'yachenko, V. D.; Shcherbinin, O. N. 7(Akademiya Nauk SSSR, Leningrad. Fiziko-Tekhnicheskii Institut). 10Translation of report 11FTI-295. 20 7p.
24Dep. NTIS.
25

26Physics (plasma); translations 27201

28STD-34 29P NSA

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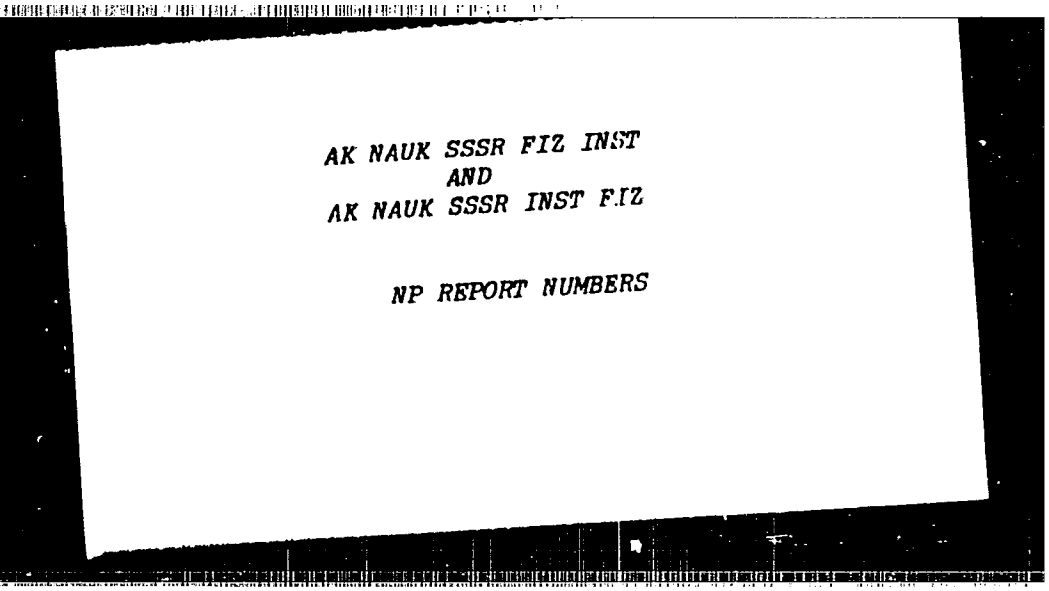

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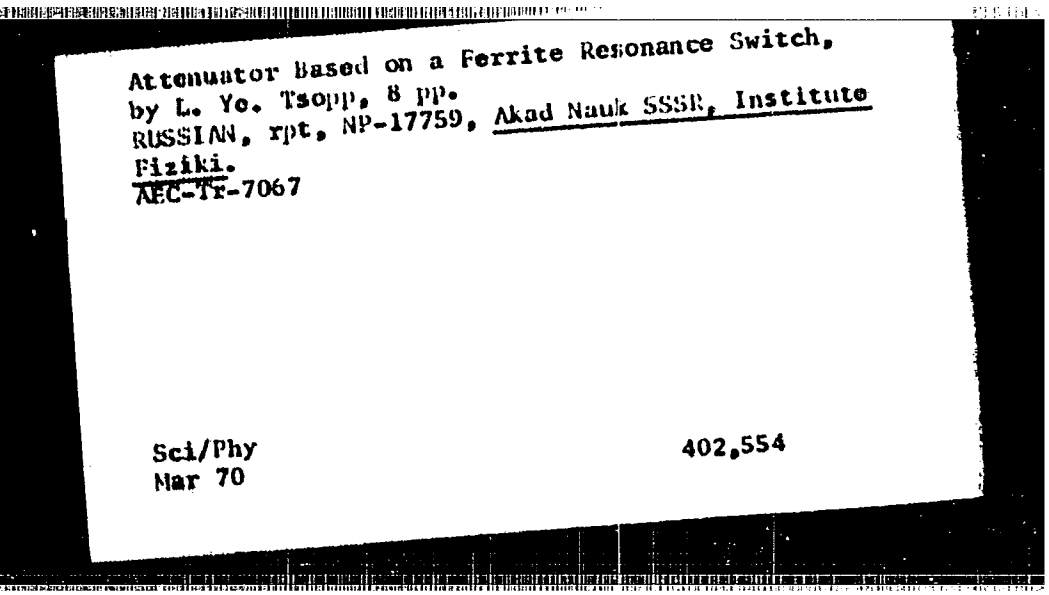

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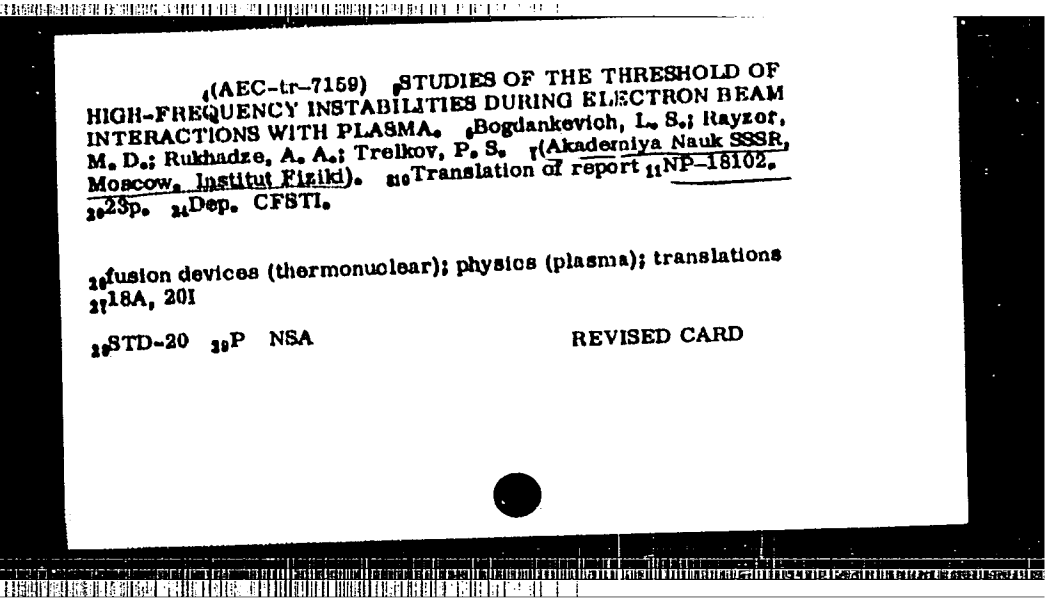

(AEC-tr-7159) STUDIES OF THE THRESHOLD OF HIGH-FREQUENCY INSTABILITIES DURING ELECTRON BEAM INTERACTIONS WITH PLASMA. Bogdankevich, L. S.; Rayzer, M. D.; Rukhadze, A. A.; Trelkov, P. S. (Akademiya Nauk SSSR, Moscow. Institut Fiziki). Translation of report NP-18102. 23p. Dep. CFSTI.

fusion devices (thermonuclear); physics (plasma); translations
18A, 20I

STD-20 P NSA REVISED CARD

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(AEC-tr-7163) HYDRODYNAMICS OF A PLASMA IN A STRONG HIGH FREQUENCY FIELD. Gorbunov, L. M. (Akademiya Nauk SSSR, Moscow. Institut Fiziki). Translation of report NP-18119. 60p. Dep. NTIS.

physics (plasma); translations 201

STD-34 P NSA

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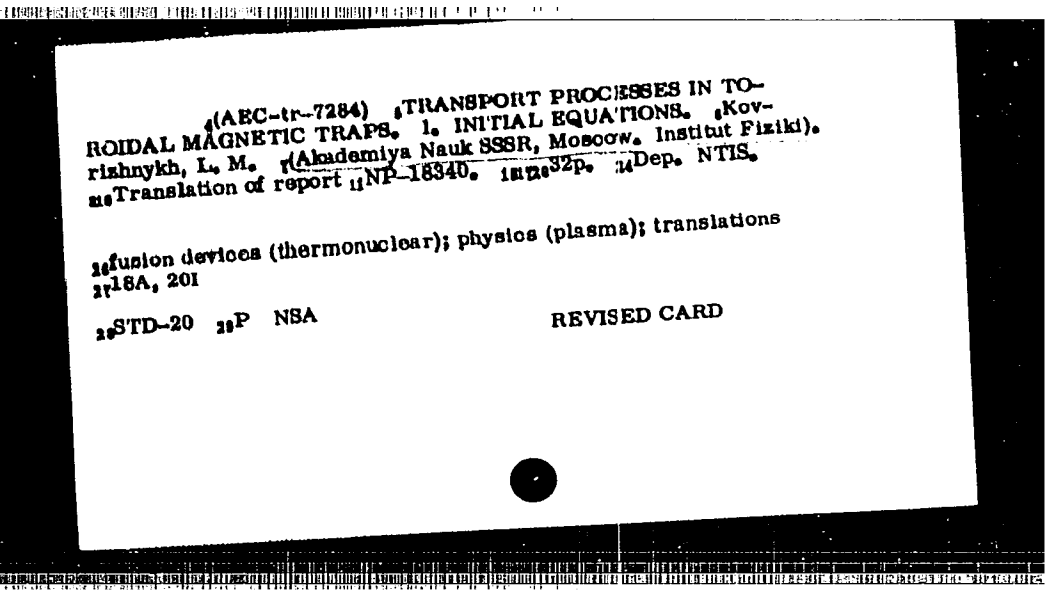

(AEC-tr-7284) TRANSPORT PROCESSES IN TOROIDAL MAGNETIC TRAPS. 1. INITIAL EQUATIONS. Kovrizhnykh, L. M. (Akademiya Nauk SSSR, Moscow. Institut Fiziki). Translation of report NP-18340. 1972. 32p. Dep. NTIS.

fusion devices (thermonuclear); physics (plasma); translations
16A, 201

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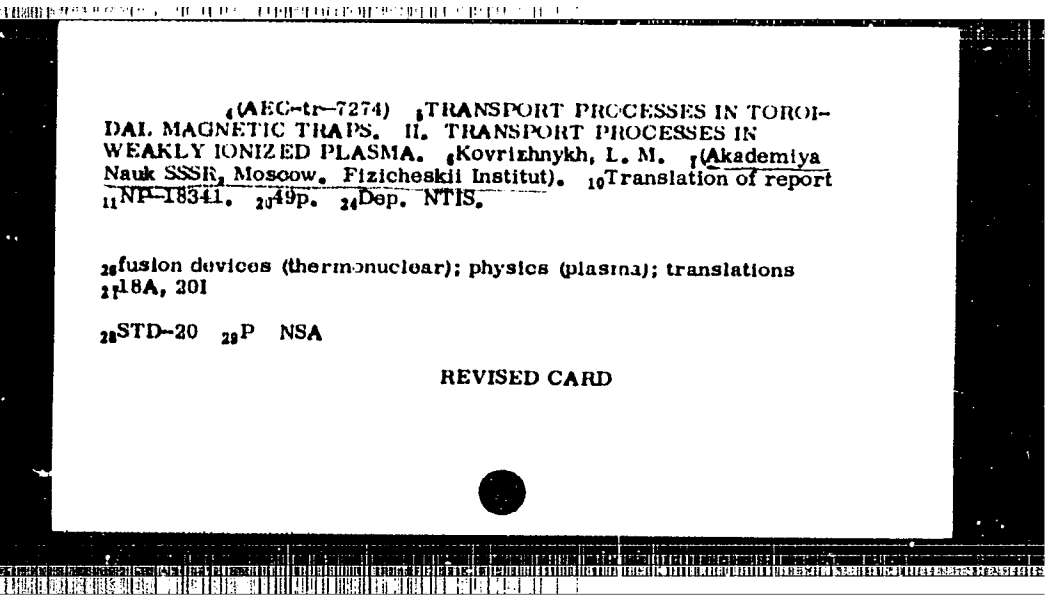

(AEC-tr-7274) TRANSPORT PROCESSES IN TOROIDAL MAGNETIC TRAPS. II. TRANSPORT PROCESSES IN WEAKLY IONIZED PLASMA. Kovrizhnykh, L. M. (Akademiya Nauk SSSR, Moscow. Fizicheskii Institut). Translation of report NP-18341. 49p. Dep. NTIS.

fusion devices (thermonuclear); physics (plasma); translations
18A, 201

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AEC. 4(CTO-736) 5POSSIBILITY OF MEASURING DIRECTED FLUXES IN A PLASMA CONTAINED IN A TOROIDAL MAGNETIC TRAP. 6Berezhetskii, M. S.; Grebenshchikov, S. E.; Kossyi, I. A.; Shpigel, I. S. 7(Akademiya Nauk SSSR, Moscow. Institut Fiziki). 10Translated by J. B. Sykes for Culham Lab., Abingdon, Eng., from report 11NP-18372. 13p. 20 15p. 24Dep. NTIS (U. S. Sales Only).

26fusion devices (thermonuclear); physics (plasma); translations
27[18A, 20]

28MN-20 29NP NSA

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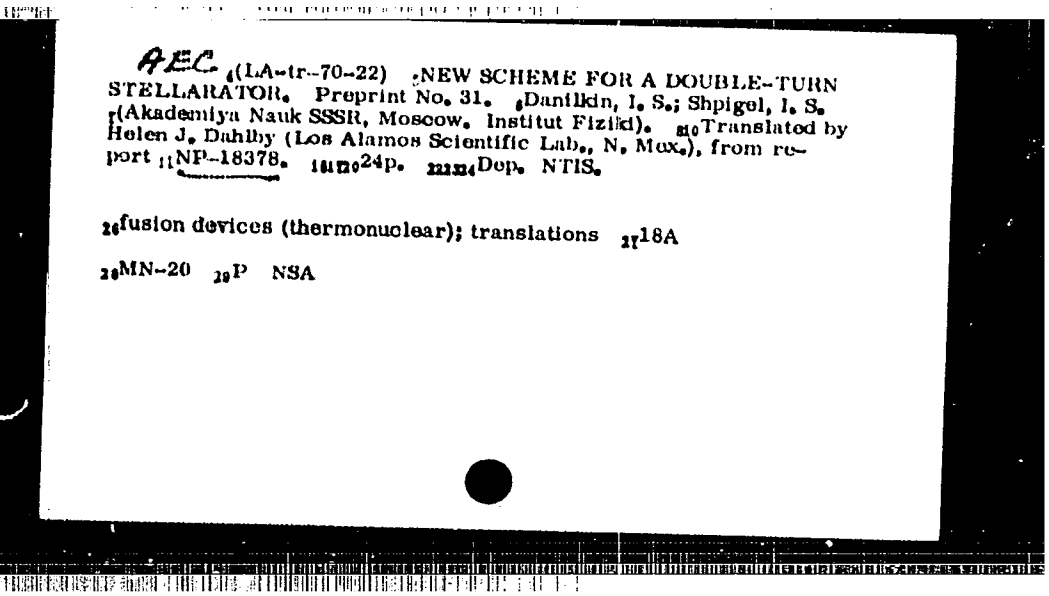

AEC (LA-tr-70-22) NEW SCHEME FOR A DOUBLE-TURN STELLARATOR. Preprint No. 31. Danilkin, I. S.; Shpigel, I. S. (Akademiya Nauk SSSR, Moscow. Institut Fiziki). Translated by Helen J. Dahlby (Los Alamos Scientific Lab., N. Mex.), from report NP-18378. 1970 24p. Dep. NTIS.

fusion devices (thermonuclear); translations 18A

MN-20 P NSA

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A E Q- (CTO-740) THE INFLUENCE OF THE RESONANCE STRUCTURE OF THE MAGNETIC FIELD ON THE CONTAINMENT OF COLLISIONLESS PLASMA IN THE TOR-1 STELLARATOR. Andryukhina, E. D.; Soldatskii, I. A.; Fedyanin, O. I.; Khol'nov, Yu. V. (Akademiya Nauk SSSR, Moscow. Institut Fiziki). Translated by J. B. Sykes (Culham Lab., Abingdon, Eng.), from report NP-18470. 20 llp. Dep. NTIS (U. S. Sales Only).

fusion devices (thermonuclear); translations 18A

MN-20 NP NSA

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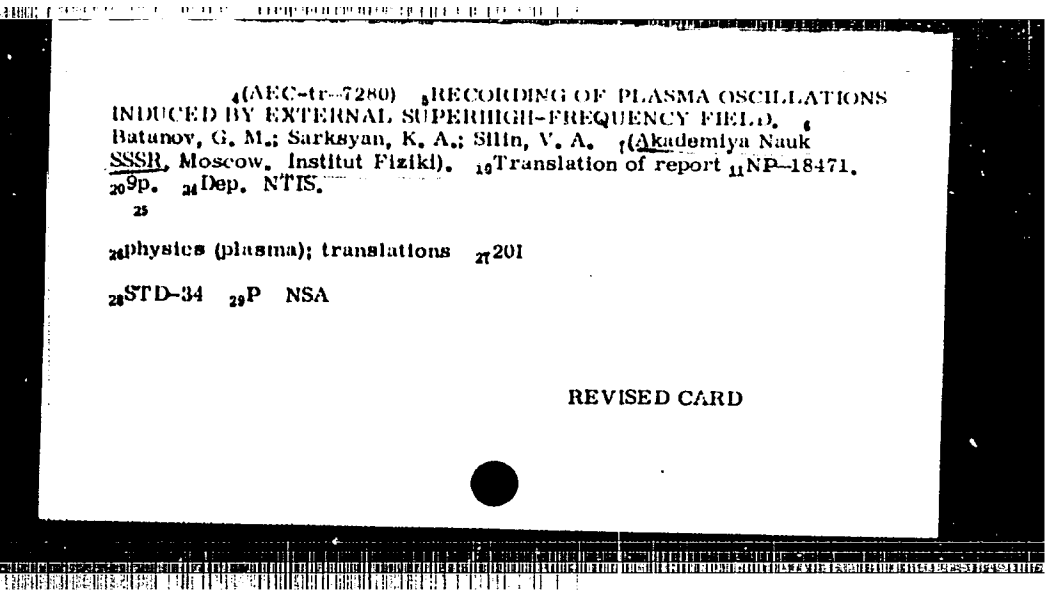

4(AEC-tr-7280) 5RECORDING OF PLASMA OSCILLATIONS INDUCED BY EXTERNAL SUPERHIGH-FREQUENCY FIELD). 6 Batanov, G. M.; Sarksyan, K. A.; Silin, V. A. 7(Akademiya Nauk SSSR, Moscow. Institut Fiziki). 10Translation of report 11NP-18471. 20 9p. 24Dep. NTIS.

25

26physics (plasma); translations 27201

28STD-34 29P NSA

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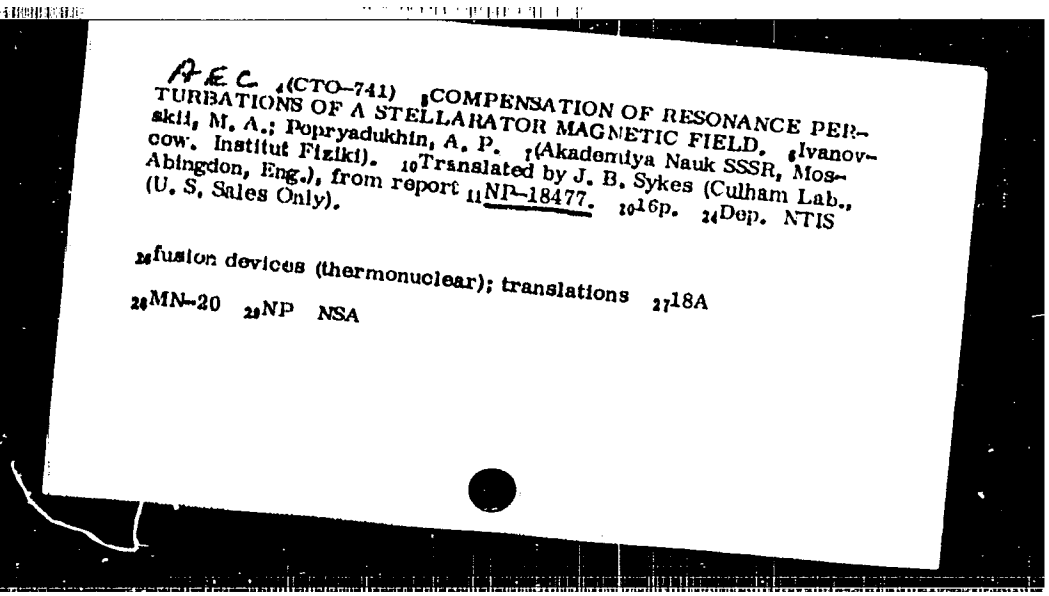

AEC (CTO-741) COMPENSATION OF RESONANCE PERTURBATIONS OF A STELLARATOR MAGNETIC FIELD. Ivanovskii, M. A.; Popryadukhin, A. P. (Akademiya Nauk SSSR, Moscow. Institut Fiziki). Translated by J. B. Sykes (Culham Lab., Abingdon, Eng.), from report NP-18477. 16p. Dep. NTIS (U. S. Sales Only).

fusion devices (thermonuclear); translations 18A

MN-20 NP NSA

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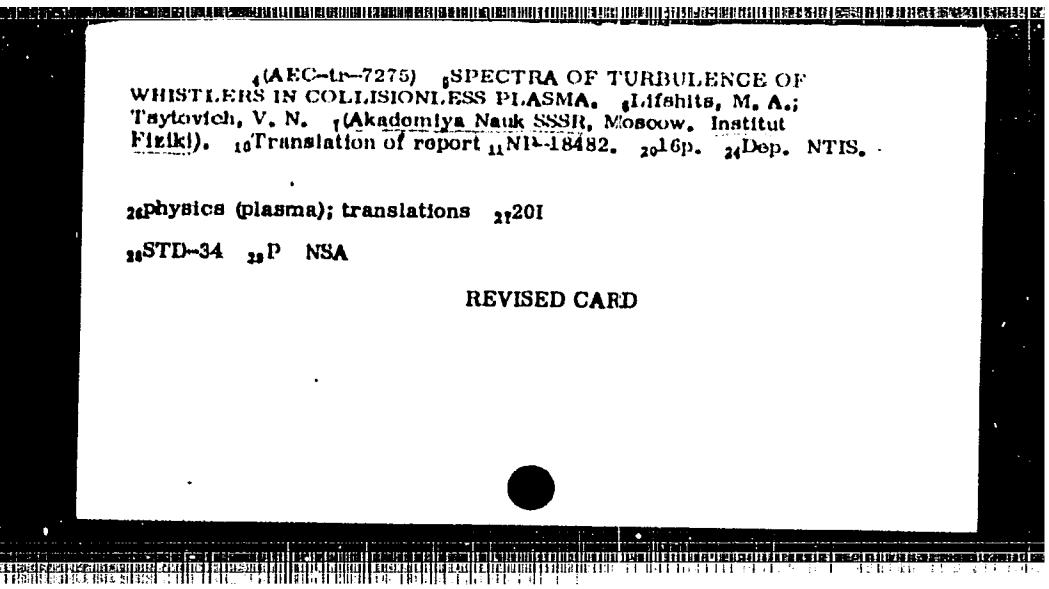

4(AEC-tr-7275) 5SPECTRA OF TURBULENCE OF WHISTLERS IN COLLISIONLESS PLASMA. 6Lifshits, M. A.; Tsytovich, V. N. 7(Akademiya Nauk SSSR, Moscow. Institut Fiziki). 10Translation of report 11NP-18482. 20 16p. 24Dep. NTIS.

26Physics (plasma); translations 27201

28STD-34 29P NSA

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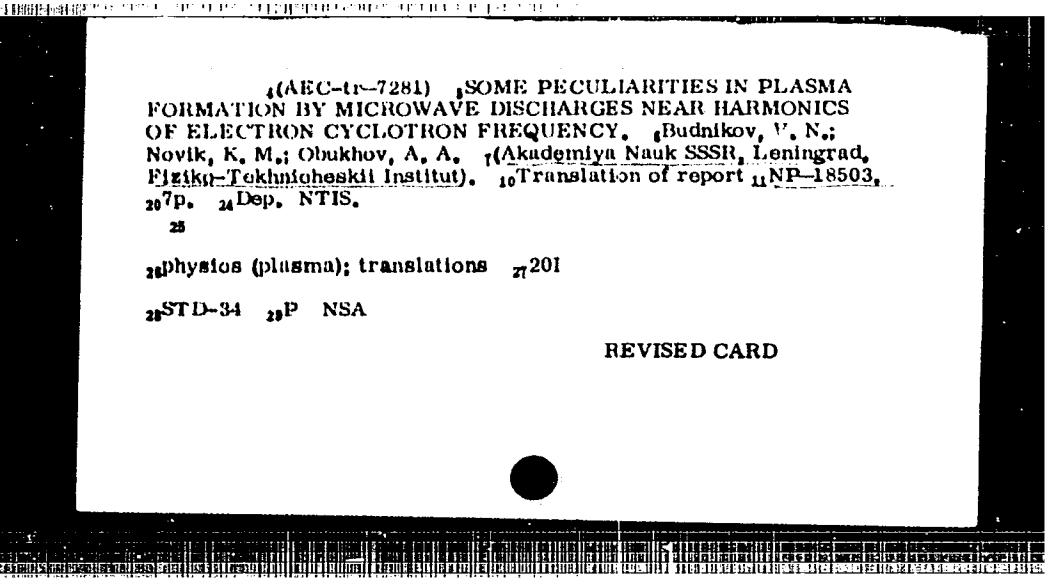

(AEC-tr-7281) SOME PECULIARITIES IN PLASMA FORMATION BY MICROWAVE DISCHARGES NEAR HARMONICS OF ELECTRON CYCLOTRON FREQUENCY. Budnikov, V. N.; Novik, K. M.; Obukhov, A. A. (Akademiya Nauk SSSR, Leningrad, Fiziko-Tekhnicheskii Institut). Translation of report NP-18503, 207p. Dep. NTIS.

physics (plasma); translations 201

STD-34 P NSA

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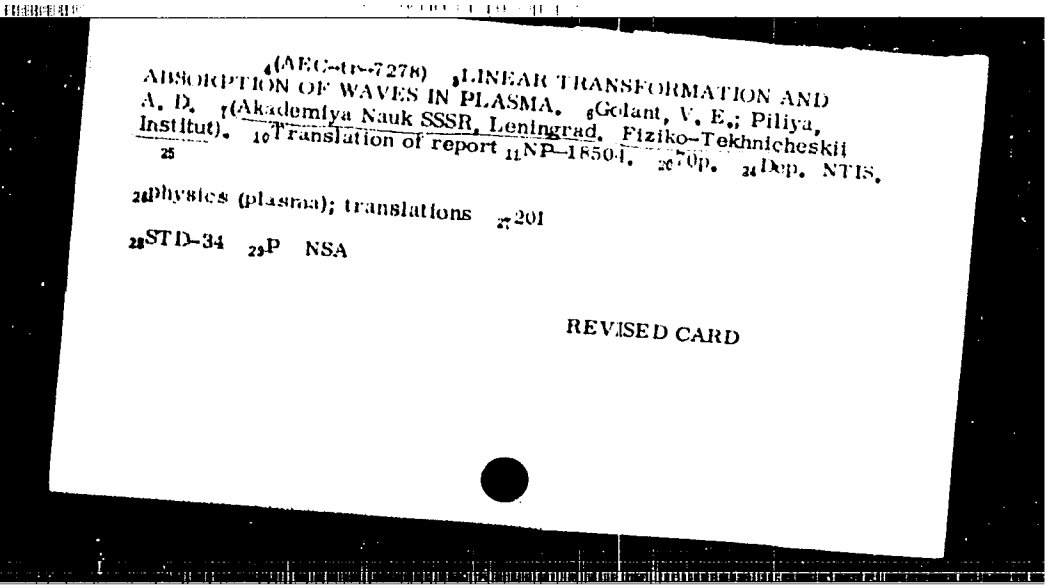

(AEC-tr-7278) LINEAR TRANSFORMATION AND ABSORPTION OF WAVES IN PLASMA. Golant, V. E.; Piliya, A. D. (Akademiya Nauk SSSR, Leningrad. Fiziko-Tekhnicheskii Institut). Translation of report NP-18501. 270p. Dep. NTIS.

physics (plasma); translations 201

STD-34 P NSA

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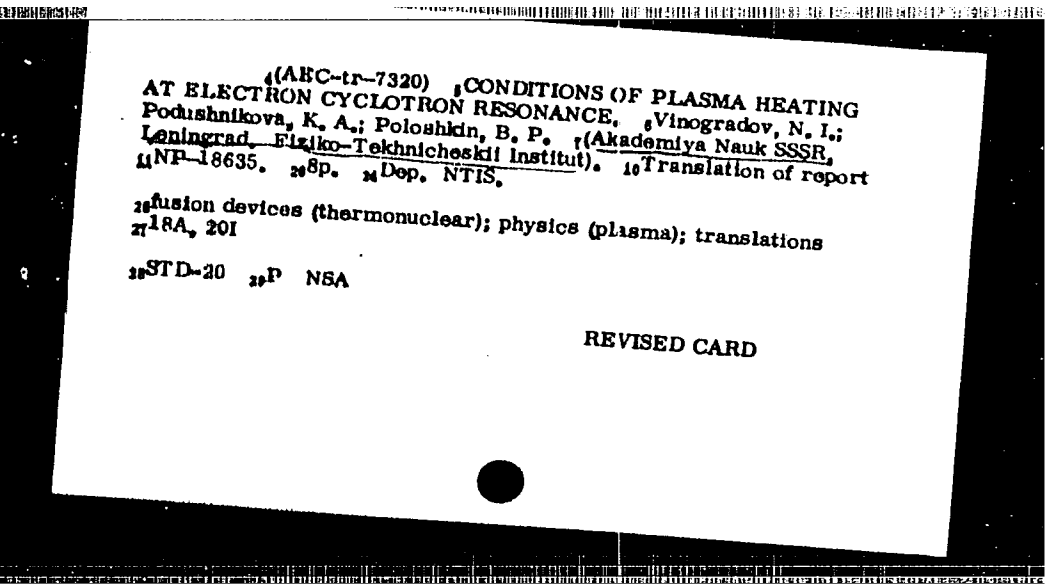

4(AEC-tr-7320) 5CONDITIONS OF PLASMA HEATING AT ELECTRON CYCLOTRON RESONANCE. 6Vinogradov, N. I.; Podushnikova, K. A.; Poloshkin, B. P. 7(Akademiya Nauk SSSR, Leningrad. Fiziko-Tekhnicheskii Institut). 10Translation of report 11NP-18635. 20 8p. 24Dep. NTIS.

25fusion devices (thermonuclear); physics (plasma); translations
27 18A, 20I

28STD-20 29P NSA

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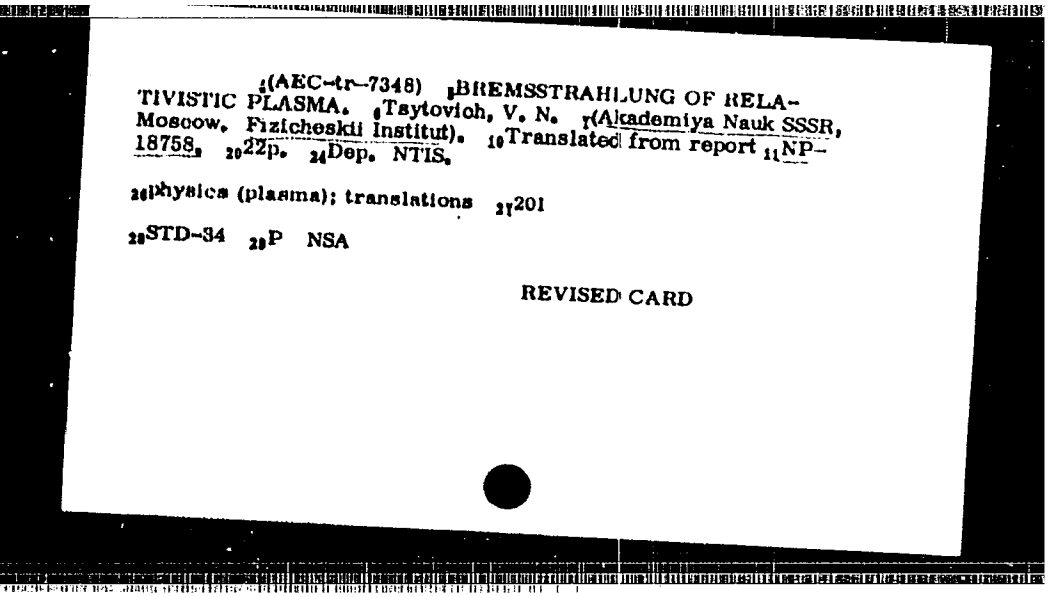

4(AEC-tr-7348) 5BREMSSTRAHLUNG OF RELATIVISTIC PLASMA. 6Tsytovich, V. N. 7(Akademiya Nauk SSSR, Moscow. Fizicheskii Institut). 10Translated from report 11NP-18758. 2022p. 24Dep. NTIS.

26Physics (plasma); translations 27201

28STD-34 29P NSA

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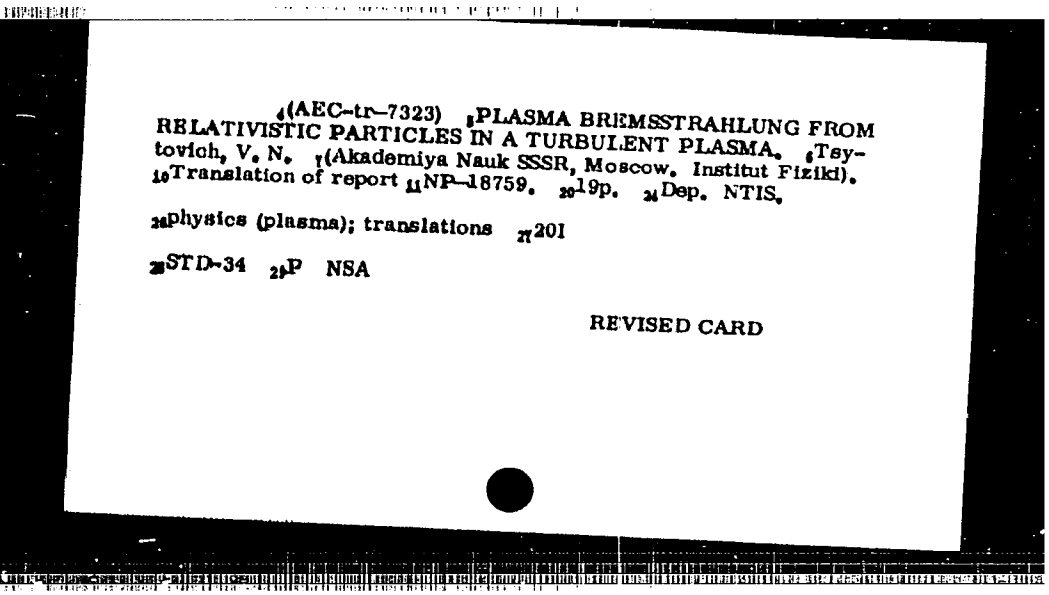

(AEC-tr-7323) PLASMA BREMSSTRAHLUNG FROM RELATIVISTIC PARTICLES IN A TURBULENT PLASMA. Tsytovich, V. N. (Akademiya Nauk SSSR, Moscow. Institut Fiziki). Translation of report NP-18759. 19p. Dep. NTIS.

physics (plasma); translations 201

STD-34 P NSA

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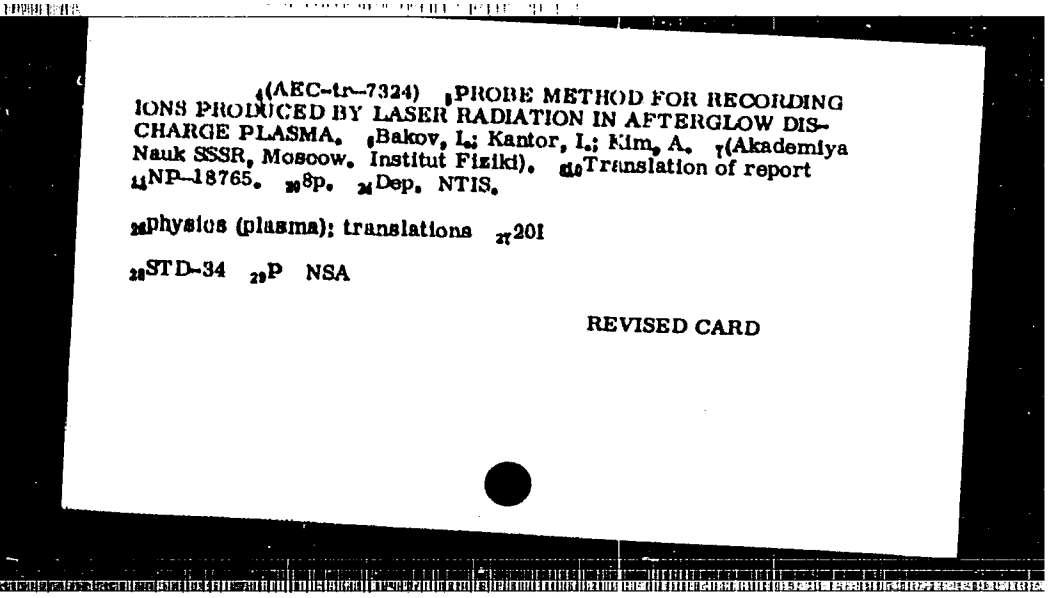

(AEC-tr-7324) PROBE METHOD FOR RECORDING IONS PRODUCED BY LASER RADIATION IN AFTERGLOW DISCHARGE PLASMA. Bakov, L.; Kantor, I.; Kim, A. (Akademiya Nauk SSSR, Moscow. Institut Fiziki). Translation of report NP-18765. 8p. Dep. NTIS.

physics (plasma); translations 201

STD-34 P NSA

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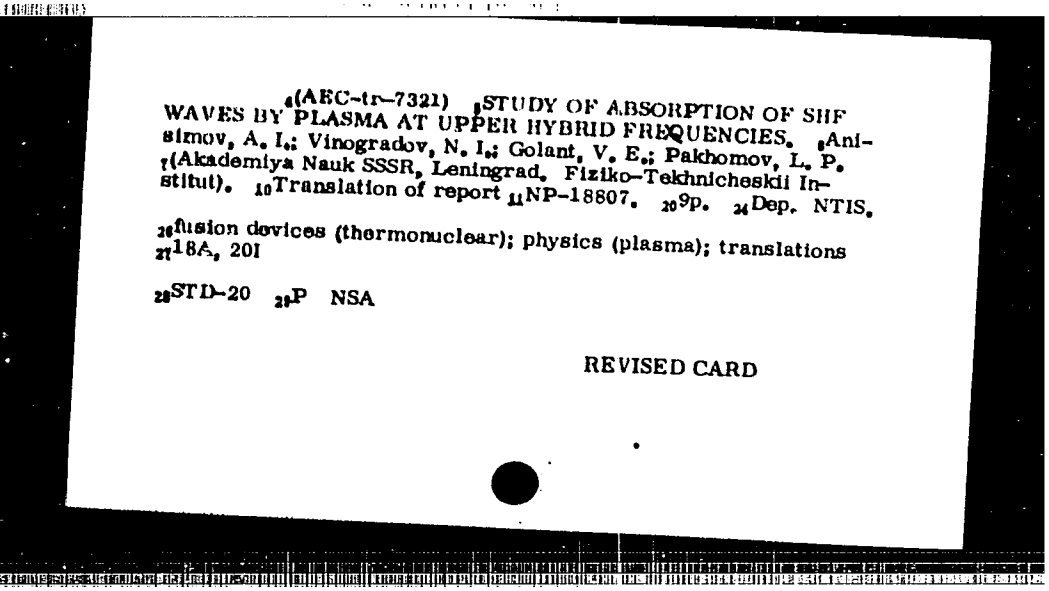

(AEC-tr-7321) STUDY OF ABSORPTION OF SHF WAVES BY PLASMA AT UPPER HYBRID FREQUENCIES. Anisimov, A. I.; Vinogradov, N. I.; Golant, V. E.; Pakhomov, L. P. (Akademiya Nauk SSSR, Leningrad. Fiziko-Tekhnicheskii Institut). Translation of report NP-18807. 209p. Dep. NTIS.

fusion devices (thermonuclear); physics (plasma); translations
18A, 201

STD-20 P NSA

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(AEC-tr-7325) QUASILINEAR THEORY OF COLLISIONLESS PLASMA IN WEAK SHF ELECTRIC FIELD AND CONSTANT MAGNETIC FIELD. Gradov, O. M.; Markeev, B. M. (Akademiya Nauk SSSR, Moscow. Institut Fiziki). Translation of report NP-18885. 39p. Dep. NTIS.

fusion devices (thermonuclear); physics (plasma); translations
18A, 20I

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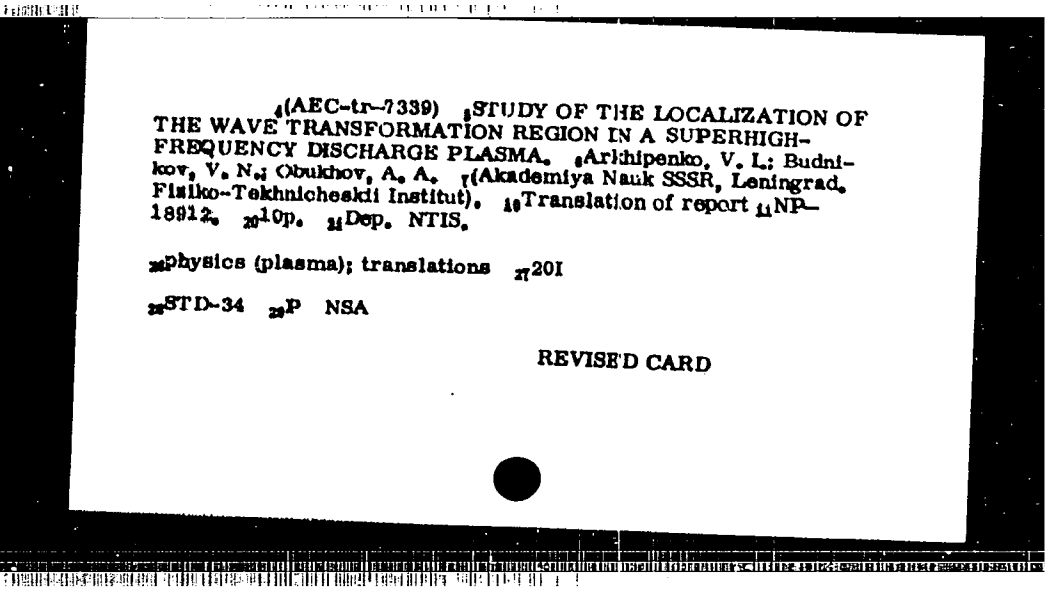

4(AEC-tr-7339) 5STUDY OF THE LOCALIZATION OF THE WAVE TRANSFORMATION REGION IN A SUPERHIGH-FREQUENCY DISCHARGE PLASMA. 6Arkhipenko, V. I.; Budnikov, V. N.; Obukhov, A. A. 7(Akademiya Nauk SSSR, Leningrad. Fiziko-Tekhnicheskii Institut). 10Translation of report 11NP-18912. 20 10p. 21Dep. NTIS.

26Physics (plasma); translations 27201

28STD-34 29P NSA

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